

## Catoctin Mountain Park

### PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Catoctin Mountain Park. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Public Use Statistics Program Center to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

#### Recreation Visits

1. An inductive loop is located across the road entering at the visitor center. The traffic count is divided by two to adjust for vehicles entering and exiting the visitor center.
2. An inductive loop is located across the road entering at Round Meadow. The traffic count is divided by two to adjust for vehicles entering and exiting Round Meadow.
3. An inductive loop is located across the road entering at Park Central. The traffic count is divided by two to adjust for vehicles entering and exiting the Park Central.

**The adjusted traffic counts in 1, 2, and 3 above are reduced by the number of nonreportable vehicles (Table 1) and Camp David vehicle (Table 1). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 3.5.**

4. An inductive loop is located across the road entering at Foxville-Deerfield Road. The traffic count is divided by two to adjust for vehicles entering and exiting Foxville-Deerfield Road. The traffic count is multiplied by 0.11 to estimate the number of recreation vehicles in the total vehicle count. The recreation vehicles are multiplied by the PPV multiplier of 3.5.
5. The number of bus passengers.

#### Nonrecreation Visits

1. An inductive loop is located across the road entering at Foxville-Deerfield Road. The traffic count is divided by two to adjust for vehicles entering and exiting Foxville-Deerfield Road. The traffic count is multiplied by 0.89 to estimate the number of nonrecreation vehicles in the total vehicle count. The nonrecreation vehicles are multiplied by the PPV multiplier of 1.5.
2. The number of nonrecreation vehicles at Camp David is multiplied by the PPV multiplier of 1.5. This is shown in Table 1.

September 23, 1998

### **Recreation Visitor Hours**

1. The number of recreation visitors is multiplied by 2.5 hours.
2. The number of overnight stays by tent/RV campers is multiplied by 20 hours.
3. The number of overnight stays by backcountry campers is multiplied by 20 hours.
4. The number of overnight stays by group campers is multiplied by 21 hours.

### **Nonrecreation Visitor Hours**

1. The number of nonrecreation visitors at Foxville-Deerfield is multiplied by five minutes (0.08).
2. The number of nonrecreation visitors at Camp David is multiplied by ten minutes (0.17).

### **Overnight Stays**

NPS Campgrounds - Owen Creek

The number of overnight stays by tent and RV campers.

NPS Backcountry -Adirondack Shelters

The number of overnight stays by backcountry campers.

NPS Miscellaneous - Poplar Grove, Misty Mount, Greentop and Round Meadow

The number of nights stayed by group campers.

### **Special Use Data**

- Line a. The number of recreation visitors
- Line b. The number of bus visitors
- Line c. The number of rock climbers
- Line d. Camp David nonrecreation visitors
- Line e. The number of cars at the visitor center
- Line f. The number of cars at Round Meadow
- Line f. The number of cars at Park Central
- Line n. The number of tour buses

Table 1.  
The Number of Nonreportable and Nonrecreation Vehicles by Month

Month	Nonreportable	Nonrecreation at Camp David
January	1,550	4,681
February	1,400	4,144
March	1,550	3,410
April	1,500	5,010
May	1,550	4,588
June	1,500	4,890
July	1,550	5,673
August	1,550	4,712
September	1,500	4,290
October	1,550	4,712
November	1,500	4,650
December	1,550	3,348